

BLD-635nm Pro Red Dot Projecting Laser Alignment

Berlinlasers part number: pro-635-dot

**Ordering:**

Order online now or request quotation here:

<http://www.berlinlasers.com/pro-red-dot-projecting-laser-alignment>**Pro series specifications:**

Wavelength	635nm
Output type	CW
Laser source type	Diode

Overview:

Cooperated with widely applicable industrial laser alignment system, Pro red dot projecting laser alignment provides the most visible and brightest red dot on examined surface. 635nm red laser dot is at least two or three times as bright as 650nm red laser, this red laser module allows the most accurate and highest precision dot alignment work in all kinds of applications.

Key Features:

- ◆ Wide range output power: 5mW, 10mW, 20mW, 30mW, 50mW, 80mW, 100mW
- ◆ Easy screwed adjustable cylindrical optics enables the most accurate dot alignment.
- ◆ Durable structure and stable performance, maintaining up to 80% beam stability under 8 to 10 hours constant use.
- ◆ Low beam divergence and good round shape dot projecting.
- ◆ Long endurance laser with the most stable output

Packing List:

1. Laser Alignment
2. DC input power Supply

Power Supply:

Input: AC 100-240V, 1.0A , 50/60Hz

Output: DC 5V ,1000mA (5mW-30mW)

Output: DC9V, 1000mA (50mW-100mW)

Dimension: 70mm×46mm×27mm

Length of AC input line: 116cm

Length of DC output line: 126cm



Technical parameters:

Item	Pro Red Dot-Projecting Laser Alignment
Wavelength (nm)	635nm
Output power (mW)	5mW, 10mW, 20mW, 30mW, 50mW, 80mW, 100mW
Laser Class	IIIa, IIIB
Beam thickness at aperture (mm)	<2.8mm
Beam divergence (mrad)	1-1.5mrad
Beam mode (before optics)	Near TEM00
Focus adjustable?	Yes
TTL Modulation	NO
Operating voltage(v)	5mW-20mW:DC=5.0V; 30mW-100mW:DC=9V
Operating current (mA)	I<1000mA
Operating temperature(°C)	10°C~45°C
Storage temperature(°C)	-10°C~50°C
Dimension	5mW-20mW: D16mm×L71mm;30mW-100mW: D26mm×L150mm
Expected lifetime (hours)	8000 hours
Warranty Period	180 days

Regulatory classification:

Within wide range output power of 5mW to 100mW, you should obey laser safety issues as below:

**For more information please contact:**

Berlin Optic (HK) INT'L Group Limited
Prosper Commercial Building
9 Yin Chong Street, Kowloon
Hong Kong
Tel: 1-218-506-8158
support@berlinlasers.com www.berlinlasers.com

Notice: Technical data included in this sheet is subjected to change without notice ahead. Please confirm desired technical specifications with our technicians before taking an order.